

This quick guide has been conceived to show the fundamental steps of installing an EQLimit limiter for first time user. For a correct installation it is recommended to read the user's manual carefully before performing an installation. For any questions, please, contact us.

## **EQUIPMENT INSTALLATION:**

- Connect the microphone, remote display (optional) and audio inputs and outputs to the corresponding limiter connectors so that the equipment is always connected before the amplifier stages and after any processor or equalizer that can vary the volume.
- Place the supplied microphone in an intermediate position between all sound sources. It is very important to choose the most suitable place to place the microphone because its position will be definitive during all the operation of the equipment. The sound level measured and registered will be verified by the authority. If the microphone changes position, it will be necessary to recalibrate the equipment.

## **INSTALLATION OF THE SOFTWARE:**

- Download the most recent **EQLimit SCL** executable from our website [www.mrcaudio.com](http://www.mrcaudio.com)
- Connect the device to the computer with a USB type A-B male cable, open the program and enter the installer's license provided by the manufacturer in the **User data** screen. Then press **INSTALLATIONS, CONNECT** and **EDIT LIMITER**.
- When making changes, the limiter will ask enter key. The factory key is 1234 (it can be changed later in the **Preferences** tab).

## **ADJUST MICROPHONE:**

- On the **Limitation** screen, lower the **GLOBAL GAIN** at least 20 dB to work at a comfortable level, activate the Pink Noise button and compare the readings of the limiter with a **precision sound level meter** located at the point usually measured by the authority or marked by the corresponding municipal regulations.
- Vary the sensitivity of the limiter microphone by moving the calibration slide bar (**G. MIC1**) at the left of the measurement bar, until the measurement equal to the precision sound level meter.

## **UNIT SETUP:**

### Coarse calibration:

- On the **Levels** screen, set the maximum allowed level of global limitation for this venue.
- Avoid any other sound in the room other than pink noise.
- On the **Limitation** screen, press the **CAL** button. The process is completely automatic: at the start the pink noise generator is activated and ends when the level measured in **MIC 1** and Line Output (**LOUT**) have been equalized and has made a complete measurement of the levels in each frequency band.
- Choose the control signal to limit: **MIC (MIC / SML)** or preferably **Line OUT**.

### Fine calibration:

- Fine tune the adjustment manually through the slide bar **G. FINE** at the right side of the line output level bar, until the level measured in MIC 1 and Line Output are equal. It is advisable to carry out this operation using different themes of the usual music type of the venue.

It is recommended to make a small control session working normally and save the Configuration and sonometric reports as a demonstration of a correct initial installation.

**MRC Audio Limitadores, SL is not responsible for the damages that may be caused by improper installation of the equipment.**